

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : McCall et al. Art Unit : 2181  
 Serial No.: 09/666,489 Examiner : Glen Allen Auve  
 Filed : September 18, 2000 Assignee : Intel Corporation  
 Title : BUFFERING DATA TRANSFER BETWEEN A CHIPSET AND MEMORY  
 MODULES

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Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

MAY 07 2004

Technology Center 2100

TERMINAL DISCLAIMER UNDER 37 CFR §§3.73(b) AND 1.321(b)

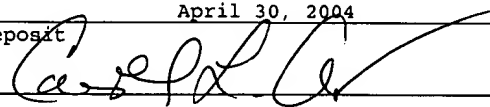
Pursuant to 37 CFR § 3.73(b), INTEL CORPORATION certifies that it is the assignee of the entire right, title, and interest in the above application by virtue of an assignment from the inventors of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 011438, Frame 0504 on January 2, 2001. Intel Corporation also certifies that it is the assignee of U.S. Patent No. 6,553,450 to Dodd et al. A copy of the assignment is attached for your reference.

The undersigned has reviewed all the documents in the chain of title of the above-identified application and to the best of undersigned's knowledge and belief, title is in Intel Corporation.

The undersigned is empowered to act on behalf of the assignee.

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CERTIFICATE OF MAILING BY FIRST CLASS MAIL  
 I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

April 30, 2004  
 Date of Deposit  
 Signature 

Carroll Allman  
 Typed or Printed Name of Person Signing Certificate

Applicant : McCall et al.  
Serial No. : 09/666,489  
Filed : September 18, 2000  
Page : 2 of 3

Attorney's Docket No.: Intel 10559-  
348001 / P9836

Pursuant to 37 CFR §1.321(b), and to obviate a double patenting rejection, the assignee identified above hereby waives and disclaims the terminal portion of the term of the entire patent to be granted upon the above identified application subsequent to the expiration date of U.S. Patent No. 6,553,450, whereby the patent granted on this application and U.S. Patent No. 6,553,450 will expire on the same day, provided that any patent granted on the above identified application shall be enforceable only for and during such period that it is commonly owned with U.S. Patent No. 6,553,450.

The assignee identified above does not disclaim any terminal part of any patent granted on the above identified application prior to the expiration date of the full statutory term of U.S. Patent No. 6,553,450 in the event that it later: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR §1.321(a), has all claims cancelled by a reexamination certificate, or is otherwise terminated prior to expiration of its statutory term, except for the separation of legal title as stated above. Assignee herein does not disclaim or otherwise affect any part of U.S. Patent No. 6,553,450.

This disclaimer runs with any patent granted on the above application and is binding upon the grantee, its successors or assigns.

Please charge any additional fees, or make any credits, to Deposit Account No. 06-1050, referencing Attorney Docket No. 10559-348001.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information

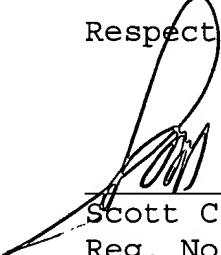
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Page : 3 of 3

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and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Respectfully submitted,

Date: April 30, 2004



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Scott C. Harris  
Reg. No. 32,030

Attorneys for Intel Corporation

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San Diego, California 92130  
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10389059.doc

ASSIGNMENT

COPY

For valuable consideration, we, JIM M. DODD of Shingle Springs, California,  
MICHAEL W. WILLIAMS of Citrus Heights, California, JOHN B. HALBERT of Beaverton,  
Oregon, RANDY M. BONELLA of Portland, Oregon, and CHUNG LAM of \_\_\_\_\_,  
hereby assign to: INTEL CORPORATION, a DELAWARE corporation having a place of  
business at: 2200 Mission College Boulevard, Santa Clara, California 95052; and its successors  
and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest  
throughout the world in the inventions and improvements which are subject of an application for  
United States Patent signed by us, entitled BUFFER TO MULTIPLY MEMORY INTERFACE,  
filed September 18, 2000, and assigned U.S. Serial Number 09/664,985, and we authorize and  
request the attorneys appointed in said application to hereafter complete this assignment by  
inserting above the filing date and serial number of said application when known; this  
assignment including said application, any and all United States and foreign patents, utility  
models, and design registrations granted for any of said inventions or improvements, and the  
right to claim priority based on the filing date of said application under the International  
Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the  
European Patent Convention, and all other treaties of like purposes; and we authorize the  
Assignee to apply in all countries in our name or in its own name for patents, utility models,  
design registrations and like rights of exclusion and for inventors' certificates for said inventions  
and improvements; and we agree for ourselves and our respective heirs, legal representatives and  
assigns, without further compensation to perform such lawful acts and to sign such further  
applications, assignments, Preliminary Statements and other lawful documents as the Assignee  
may reasonably request to effectuate fully this assignment.

Date: 12/11/00

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

  
\_\_\_\_\_  
Jim M. Dodd\_\_\_\_\_  
Michael W. Williams\_\_\_\_\_  
John B. Halbert\_\_\_\_\_  
Randy M. Bonella\_\_\_\_\_  
Chung Lam

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Randy M. Bonella\_\_\_\_\_  
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Date: \_\_\_\_\_

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Jim M. Dodd

Date: \_\_\_\_\_

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Michael W. WilliamsDate: 1/2/01\_\_\_\_\_  
John B. HalbertDate: 1/2/01\_\_\_\_\_  
Randy M. Bonella

Date: \_\_\_\_\_

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Chung Lam

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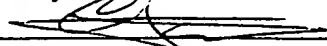
Date: \_\_\_\_\_

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 John B. Halbert

Date: \_\_\_\_\_

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 Randy M. Bonella

Date: 12/21/00

  
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 Chung Lam